This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

UTILITY PATENT APPLICATION **TRANSMITTAL**

Only the new nonprovisional applications under 37 CFR 1.53(b))

Name:

Attorney Docket No.	251022US2
---------------------	-----------

First Inventor or Application Identifier | Masashi SHIRAISHI

MANUFACTURING METHOD OF THIN-FILM MAGNETIC HEAD WITH MAGNETORESISTIVE EFFECT ELEMENT AND MANUFACTURING METHOD OF HEAD GIMBAL ASSEMBLY WITH THE THIN-FILM MAGNETIC HEAD

	See	APPLICATION ELEMENTS MPEP chapter 600 concerning utility patent application contents	Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313			
1.		Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)	ACCOMPANYING APPLICATION PARTS			
		·	7. ☐ Assignment Papers (cover sheet & document(s)) ☐ ■			
2.		Specification Total Sheets 21	8. Application Data Sheet. See 37 CFR 1.76			
			9. 37 C.F.R. §3.73(b) Statement Power of Attorney			
3.		Drawing(s) (35 U.S.C. 113) Total Sheets 4	10. ☐ English Translation Document (if applicable)			
			11. ☐ Information Disclosure ☐ Copies of IDS Citations			
4.		Oath or Declaration Total Pages 2	12. Preliminary Amendment			
	a.	Newly executed (original)	13. White Advance Serial No. Postcard			
	b.	☐ Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with box 17 completed)	14. Certified Copy of Priority Document(s) (1) (if foreign priority is claimed)			
		 DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). 	15. ☐ Applicant claims small entity status. See 37 CFR 1.27			
5.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	16. Other: Request for Priority			
6.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
	a.	☐ Computer Readable Form (CRF)				
	b.	Specification or Sequence Listing on :				
		i. CD-ROM or CD-R (2 copies); or				
		ii. Paper				
	C.	Statements verifying identity of above copies				
17.		CONTINUING APPLICATION, check appropriate box, and supp				
	_	Continuation Divisional Continuation	· · · · · · · · · · · · · · · · · · ·			
		application information: Examiner:	Group Art Unit:			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
18. CORRESPONDENCE ADDRESS						
Customer Number						
	22850					
∠∠o∫∪ (703) 413-3000						
	FACSIMILE: (703) 413-2220					
			Desirated No. 124012			
	Na	me: Marvin J. Spivak	Registration No.: 24,913			
S	igna	ture: /Wim/\\G	Date: 3/31/04			

C. Irvin McClelland
Registration Number 21,124

Registration No.:



ecket No.

251022US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ENTOR(S) Masashi SHIRAISHI

SERIAL NO:

New Application

FILING DATE: Herewith

FOR:

MANUFACTURING METHOD OF THIN-FILM MAGNETIC HEAD WITH MAGNETORESISTIVE EFFECT ELEMENT AND MANUFACTURING METHOD OF HEAD GIMBAL ASSEMBLY WITH

THE THIN-FILM MAGNETIC HEAD

Please charge Deposit Account No. <u>15-0030</u> in the amount of

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

FOR		UMB FILE			NUMBER EXTRA		RATE		CALCULATIONS
TOTAL CLAIMS	15	-	20	· =	0	x	\$18	=	\$0.00
INDEPENDENT CLAIMS	2	-	3	=	0	х	\$86	=	\$0.00
☐ MULTIPLE DEPENDENT CLAIMS (If applicable)					icable)	+	\$290	=	\$0.00
☐ LATE FILING OF DECLARATION						+	\$130	= '	\$0.00
BASIC FEE								\$770.00	
TOTAL OF ABOVE CALCULATIONS							\$770.00		
☐ REDUCTION BY 50% FOR FILING BY SMALL ENTITY								\$0.00	
☐ FILING IN NON-ENGLISH LANGUAGE						+	\$130	=	\$0.00
☐ RECORDATION OF ASSIGNMENT						+	\$40	=	\$0.00
					TOT	٩L	\$770.00		

☐ A check in the amount of to cover	the filing fee is enclosed.							
■ Credit card payment form is attached to c	ttached to cover the filing fee in the amount of \$770.00							
herewith and for which no check or credi	The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.							
	Respectfully Submitted,							
	OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.							
Date:3/31/64	Marvin J. Spivak							
^O ustomer Number	Registration No. 24,913 C. Irvin McClelland							

A duplicate copy of this sheet is enclosed.

Registration Number 21,124

Customer Number

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)